



Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
1747/55672-A-PCT-  
USSerial No.  
09/750,410Applicant(s)  
Gloria C. Li et al.Filing Date  
December 28, 2000

Group Art Unit

1635

INFORMATION DISCLOSURE CITATION  
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## U.S. PATENT DOCUMENTS

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83	Amiel, J. et al., (1996), Heterozygous Endothelin Receptor B (EDNRB) Mutations In Isolated Hirschsprung Disease, <i>Human Molecular Genetics</i> , 5 (3), pp:355-357 (Exhibit 1)
	Anderson, C.W., (1993), Dna Damage And The Dna-Activated Protein Kinase, <i>Tibs</i> , 18, pp:433-437 (Exhibit 2)
	Angrist, M., et al., (1995), Mutation Analysis Of The RET Receptor Tyrosine Kinase In Hirschsprung Disease, <i>Human Molecular Genetics</i> , Vol. 4 (5), pp:821-830 (Exhibit 3)
	Araki, R., et al., (1997), Nonsense Mutation At Tyr-4046 In The DNA-Dependent Protein Kinase Catalytic Subunit Of Server Combined Immune Deficiency Mice, <i>Proc. Natl. Acad. Sci. USA</i> , 94, pp:2438-2443 (Exhibit 4)
↓	Attie, T., et al., (1995), Diversity Of RET Proto-Oncogene Mutations In Familial And Sporadic Hirschsprung Disease, <i>Human Molecular Genetics</i> , 4 (8), pp:1381-1386 (Exhibit 5)

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		Badner, J., et al., (1990), A Genetic Study Of Hirschsprung Disease, <i>Am. J. Hum. Genet.</i> , 46, pp:568-580 (Exhibit 6)					
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		Bird, R., (1995), Role Of Aberrant Crypt Foci In Understanding The Pathogenesis Of Colon Cancer, <i>Cancer Letters</i> , 93, pp:55-71 (Exhibit 9)					
		Blunt, T., et al., (1995), Defective DNA-Dependent Protein Kinase Activity Is Linked To V(D)J Recombination And DNA Repair Defects Associated With The Murine Scid Mutation, <i>Cell</i> , 80, pp:813-823 (Exhibit 10)					
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23		Blunt, T., et al., (1996), Identification Of A Nonsense Mutation In The Carboxyl-Terminal Region Of DNA-Dependent Protein Kinase Catalytic Subunit In The Scid Mouse, <i>Proc. Natl. Acad. Sci.</i> , 93, pp:10285-10290 (Exhibit 11)					
		Boder, Elena (1975), Ataxia-Telangiectasia: Some Historic, Clinical And Pathologic Observations, -Birth Defects: Original Article Series, XI, (1), pp: 255-270 (Exhibit 12)					
		Bogue, M., et al., (1996), Mechanism Of V(D)J Recombination, <i>Current Opinion In Immunology</i> , 8, pp: 175-180, (Exhibit 13)					
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		Bosma, G., et al., (1983), A Severe Combined Immunodeficiency Mutation In The Mouse, <i>Nature</i> , 301 (10), pp:527-530 (Exhibit 15)					
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		Chan, D.W., et al., (1996), The DNA-Dependent Protein Kinase Is Inactivated By Autophosphorylation Of The Catalytic Subunit, <i>Journal Of Biological Chemistry</i> , 271 (15), pp:8939-8941 (Exhibit 22)					
		Chou, C.H., et al., (1992), Role Of A Major Autoepitope In Forming The DNA Binding Site Of The P70 (Ku) Antigen, <i>J. Exp. Med.</i> , 175, pp:1677-1684 (Exhibit 23)					
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		Costa, T.E., et al., (1992), Chromosomal Position Of Rearranging Gene Segments Influences Allelic Exclusion In Transgenic Mice, <i>Proc. Natl. Acad. Sci.</i> , 89, pp:2205-2208 (Exhibit 25)					
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	Dalbagni, G., et al., (1993), Molecular Genetic Alterations Of Chromosome 17 And P53 Nuclear Overexpression In Human Bladder Cancer, <i>Diagnostic Molecular Pathology</i> , 2(1), pp: 4-13 (Exhibit 27)
	Danska, J.S., et al., (1994), Rescue Of T-Cell Specific V(D)J Recombination In SCID Mice By DNA-Damaging Agents, <i>Science</i> , 266, pp:450-455 (Exhibit 28)
	Donehower, L., et al., (1992), Mice Deficient For P53 Are Developmentally Normal But Susceptible To Spontaneous Tumors, <i>Nature</i> , 356, pp:215-221 (Exhibit 29)
	Dvir, A. et al., (1992), Ku Autoantigen Is The Regulatory Component Of A Template-Associated Protein Kinase That Phosphorylates RNA Polymerase II, <i>Proc. Natl. Acad. Sci.</i> , 89, pp:11920-11924 (Exhibit 30)

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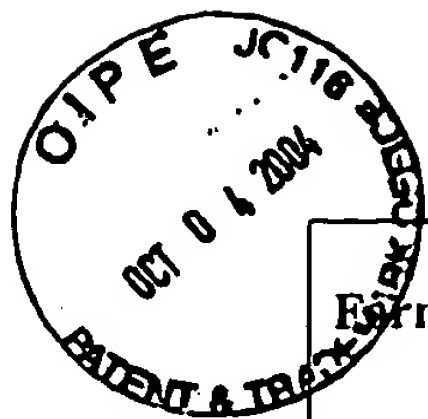
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		Edery, P., et al., (1996), Mutation Of The Endothelin-3 Gene In The Waardenburg-Hirschsprung Disease (Shah-Waardenburg Syndrome), <i>Nature Genetics</i> , 12, pp: 442-444 (Exhibit 32)					
		Fulop, G.M., et al., (1990), The Scid Mutation In Mice Causes A General Defect In Dna Repair, <i>Nature</i> , 347, pp:479-482 (Exhibit 33)					
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83		Gottlieb, T.M., et al., (1993), The DNA-Dependent Protein Kinase: Requirement For DNA Ends And Association With Ku Antigen, <i>Cell</i> , 72, pp: 131-142 (Exhibit 36)					
		Gu, Y., et al., (1997), Growth Retardation And Leaky SCID Phenotype Of Ku70-Deficient Mice, <i>Immunity</i> , 7, pp: 653-665 (Exhibit 37)					
		Hammarsten, O. et al., (1998), DNA-Dependent Protein Kinase: DNA Binding And Activation In The Absence Of Ku, <i>Proc. Natl. Acad. Sci.</i> , 95, pp:525-530 (Exhibit 38)					
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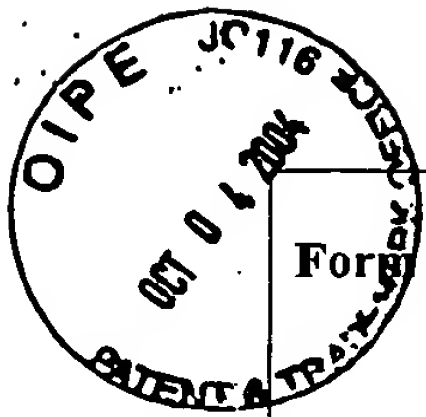
83	Kim, D., et al., (1995), A Constitutive Heat Shock Element-Binding Factor Is Immunologically Identical To The Ku Autoantigen, <i>Journal Of Biological Chemistry</i> , 270, pp:15277-15284 (Exhibit 46)
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	Li, Z., et al., (1995) The XRCC4 Gene Encodes A Novel Protein Involved In DNA Double-Strand Break Repair And V(D)J Recombination, <i>Cell</i> , 83, pp:1079-1089 (Exhibit 52)
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	Linzer, D.I.H., et al., (1979), Characterization Of A 54K Dalton Cellular SV40 Tumor Antigen Present In SV40-Transformed Cells And Uninfected Embryonal Carcinoma Cells, <i>Cell</i> , 17, pp:43-52 (Exhibit 55)

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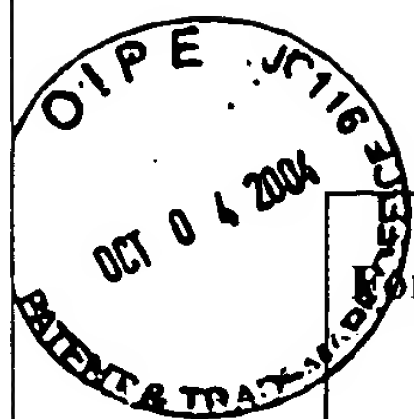
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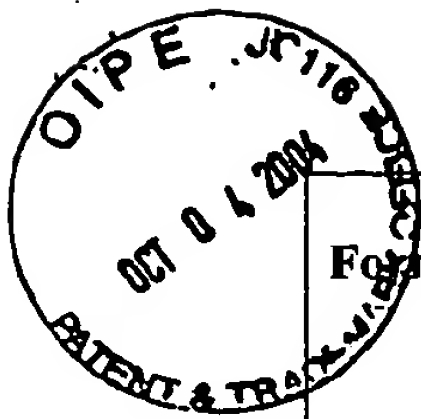
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		Nagasawa, H., et al., (1979) Effect Of Tumor Promoters, Protease Inhibitors, And Repair Processes On X-Ray-Induced Sister Chromatid Exchanges In Mouse Cells, Proc. Natl. Acad. Sci., 76, pp:1943-1947 (Exhibit 62)
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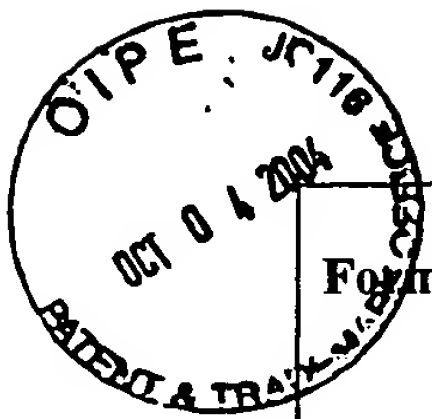
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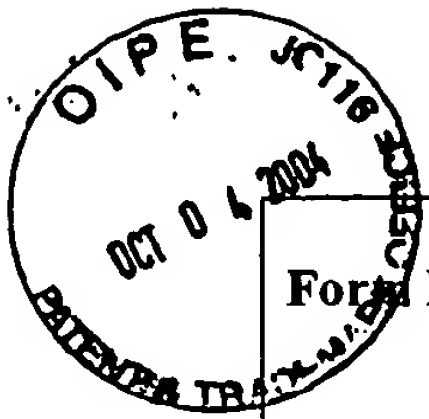
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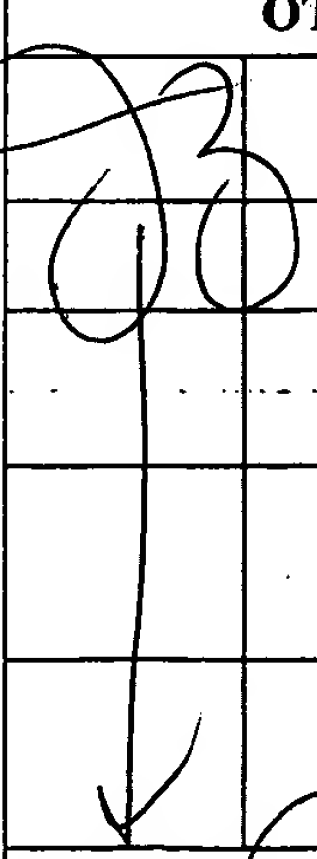
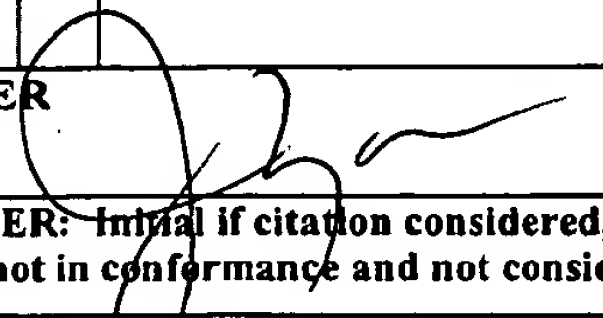
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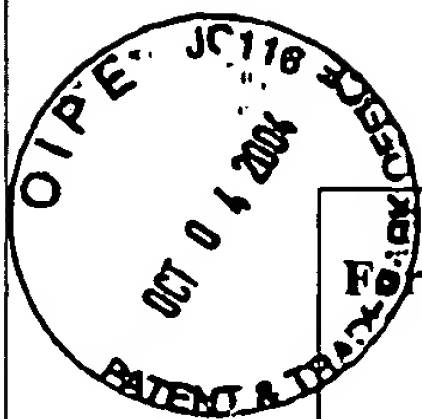
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